

ABSTRACT

An infrared to radio frequency adapter and method for using the same enables a computing device, such as a notebook computer having an infrared data port, to wirelessly link to a network without the need to install any additional hardware or software into the computing device. The adapter is configured to operate with a plurality of computing devices including desktop and notebook computers, handheld computers, and mobile telephones. By providing instant connectivity between one or more computing devices and a local or wide area network, the adapter provides users with the versatility necessary to provide seamless network integration. Thus, a user can immediately check e-mail or access the Internet simply by directing an IR-enabled computing device at an adapter that is within range of a receiving station the RF data system component of a network.